

ABSTRACT

The present invention is an automated arrangement for applying strip material to a web belt. One purpose of the present invention is to provide a solution to the known problem of securing material to an organic photoconductor (“OPC”) belt material in an automated manufacturing environment. Usually, material is applied to an OPC belt by hand. Hand application of strip material is time-consuming, costly, and prone to inaccurate placement on the OPC belt. The extra time taken to apply the strip material by hand increase the OPC belt’s exposure to light, which can damage the OPC material. Furthermore, pulling the strip by hand can deform the strip because of excessive force used to pull the strip before application. Thus using an automated, controlled process to apply material minimizes damage to the belt and strip, resulting in higher yield of belts and strips per spool.